



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEATHER

Heat built over the southern portion of the State as high pressure anchored over the area. Weak Santa Ana wind events drove highs into the lower 90s across the Los Angeles basin on multiple days last week. Elsewhere, the State felt the effects of the high, but these were much less pronounced. Temperatures varied considerably in a real sense, but almost none in the temporal sense, as locations saw essentially the same weather every day. Highs in the valley reached the 60s and 70s each day, while the coasts north of San Francisco and the mountains saw 50s. The desert had similar temperatures to the Los Angeles basin, with highs in the 80s. Lows showed a similar distribution: 40s in the valley and for the northern coast, 50s for the southern coast and desert. The difference was in the mountains, where minimums routinely dropped into the 20s and 30s, and the coldest locations dropped into the single digits. Monday was the only day this week where rain fell on portions of the State, and even this was scattered and light in nature. The rain fell on the northern portions of the State that are much less affected by the drought. With hot temperatures in the southern part of the State and the "wet" season entering its twilight stages, conditions look to only get worse. Warm temperatures continued to erode the meager snowpack in the mountains.

FIELD CROPS

Wheat, oats, and other winter forage crops continued to grow well; the past weekend's storms were beneficial. Still, some growers were irrigating to make up for the lack of rain. **Alfalfa** fields were being cultivated and planted. Field preparations continued for spring planting. Hay alfalfa was starting early and was showing early growth due to warm weather. The wheat crop was rated as 85 percent good to excellent. Pasture and rangeland condition was 55 percent poor to fair.

FRUIT CROPS

Pruning and shredding continued in tree fruit and nut orchards. Unseasonably warm temperatures caused a few early variety stone fruit orchards to bloom. Fungicide applications were applied to protect the blooms. Grapevines were pruned and tied. Pre-emergent herbicide applications continued in fruit tree orchards and vineyards. **Kiwifruit**, Navel **oranges**, **Cara Caras**, **Moro Bloods**, **Minneolas Tangelos**, and **lemons** were packed and exported. Navel orange trees were topped in advance of the bloom. Seedless **Mandarins** and **Murcotts** were covered with netting to prohibit cross pollination. **Olive** trees were pruned.

NUT CROPS

Early varieties of **almonds** were reported in full bloom. **Pistachio** and **walnut** pruning continued in nut orchards across the central portion of the State. Almonds, pistachios, walnuts, and **pecans** were exported.

VEGETABLE CROPS

In Sutter County, weed control and field preparation for processing **tomatoes** continued. In Monterey County, planting continued for the first crop of **lettuce** and **brassicas**. There was no harvesting, but plenty of field work was performed. In Fresno County, spring planting of vegetables started. The dry conditions were conducive to early ground preparation. In Tulare County, fields continued to be prepared for spring and summer planting. Early varieties of summer vegetables (tomatoes, **cucumbers**, **squash** and **eggplant**) were germinated in greenhouses. The **spinach** and **broccoli** fields were progressing well.

LIVESTOCK

Rangeland feed conditions improved with the recent rains. More rain is needed to help germination and long term development of foothill grasses and forbs. Optimal weather conditions have increased dairy production. Local and interstate hives have been placed in almond and fruit orchards for pollination.

CALIFORNIA CROP WEATHER – WEEK ENDING 2/15/2015

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 2/15/2015	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 -	January 1 -	July 1 -	Week	July 1 -	July 1 -	July 1 -
					2/15/2015	2/15/2015	2/15/2015	Ending 2/15/2015	2/15/2015	2/15/2015	June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1 --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	52	+3	67	41	6	0	59	0.73	25.29	24.77	38.10
Ukiah	55	+7	79	36	0	0	45	0.85	23.42	26.15	38.90
Santa Rosa AP	57	+5	77	39	3	0	38	0.33	22.26	20.87	31.01
Napa State Hosp	58	+7	76	40	5	0	42	0.27	18.65	17.71	26.46
Central Coast											
San Francisco A	60	+8	73	48	17	0	30	0.06	13.93	13.40	20.11
San Jose AP	58	+5	77	41	9	0	30	0.07	10.26	9.53	15.08
Salinas AP	63	+11	85	42	65	0	26	0.02	8.50	8.17	12.91
Monterey AP	62	+9	79	42	40	0	35	0.16	12.89	12.95	20.35
King City Ag	59	+7	80	37	14	0	21	0.18	5.81	7.46	12.30
Paso Robles AP	58	+8	78	39	6	0	20	0.00	7.32	8.12	13.08
Sacramento Valley											
Redding	58	+10	79	40	14	0	51	0.64	23.35	21.15	33.52
Red Bluff	58	+9	77	40	10	0	51	0.65	21.97	15.67	24.07
Willow s 6W	57	+9	74	41	5	0	36	0.00	18.96	12.40	19.03
Oroville AP	57	+7	74	43	2	0	37	0.37	16.21	18.56	28.75
Marysville	57	+6	75	39	3	0	34	0.00	13.34	14.30	22.07
Sacramento AP	57	+7	73	39	4	0	30	0.08	11.99	11.79	17.93
San Joaquin Valley											
Stockton	57	+7	75	39	5	0	29	0.07	8.50	8.90	13.84
Modesto AP	59	+7	75	42	13	0	26	0.44	6.81	8.19	13.12
Merced Macready	56	+6	75	39	9	0	24	0.01	5.80	7.76	12.50
Madera AP	57	+7	75	38	15	0	18	0.04	4.47	7.07	11.94
Fresno AP	58	+8	75	43	16	0	12	0.01	3.81	6.61	11.23
Lemoore NAS	57	+7	77	36	8	0	15	0.00	3.48	4.60	7.89
Visalia AP	58	+8	73	43	14	0	10	0.00	4.40	6.66	11.03
Bakersfield AP	60	+8	79	43	32	0	12	0.00	3.48	3.66	6.49
Cascade Sierra											
Alturas AP	44	+10	64	22	0	0	57	0.14	6.23	6.71	12.13
Mount Shasta AP	45	+7	65	27	0	0	56	2.00	32.80	24.91	39.16
Blue Canyon	53	+14	64	36	4	0	45	0.00	26.35	41.78	66.36
Yosemite Valley	52	+11	71	33	0	0	26	1.18	9.09	23.82	37.73
South Coast											
Santa Maria AP	63	+11	84	45	64	0	17	0.07	3.21	8.23	14.01
Santa Barbara A	62	+8	82	45	34	0	16	0.04	6.10	10.50	16.93
Oxnard NWS	67	+12	86	49	144	0	17	0.00	5.37	9.80	15.62
Riverside AP	67	+11	87	45	126	12	20	0.00	3.28	6.19	10.22
Los Angeles AP	67	+9	84	51	119	46	18	0.00	4.66	8.38	13.15
San Diego AP	68	+9	86	53	144	60	18	0.00	4.33	6.51	10.77
Southeast Interior											
Bishop AP	53	+12	78	28	0	0	7	0.00	0.74	3.28	5.02
Daggett AP	61	+10	82	38	27	0	11	0.00	1.40	2.99	4.17
Lancaster ATC	54	+7	78	29	0	0	14	0.00	3.91	4.72	7.40
Thermal	66	+8	90	42	96	33	14	0.00	0.87	2.70	3.53
Blythe AP	68	+11	87	50	122	25	17	0.00	1.63	3.13	4.02
Imperial CA	67	+9	88	47	119	45	15	0.00	2.14	2.43	2.96

1/ Total number of days with precipitation events this season.

Precipitation (rain or melted snow /ice) is in inches.

Air Temperatures are in Degrees Fahrenheit.

Normal periods 1970-2000 used in Departure From Normal calculations.

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